

6

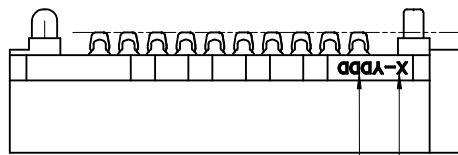
5

4

3

2

1



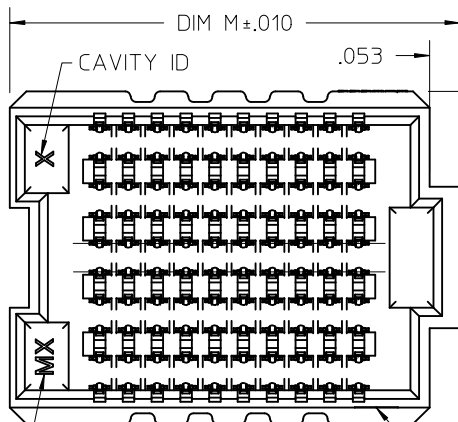
DATE CODE

SEE TABLE
ACROSS ALL
SOLDER CHARGES

LEAD CODE:

1 = TIN

2 = TIN / LEAD

MOLEX
LOGO

ROW 1 / POSITION 1 ID THIS SIDE

.064
.050 TYP
TERMINAL PITCH

.028
.050 TYP
TERMINAL PITCH

DIM D

SEE SHEET 3 FOR
6 MM GEOMETRY

.060

10 POSITION SHOWN
FOR REFERENCE

ADD 6 ROW VIEWS	EC NO: UCP2014-4350	2014/04/18
	DRWN:WHIPPLE	2014/04/19
	CHKD:BBARKER	2014/04/19
	APPR:SMILLER	2014/05/27
	REV	

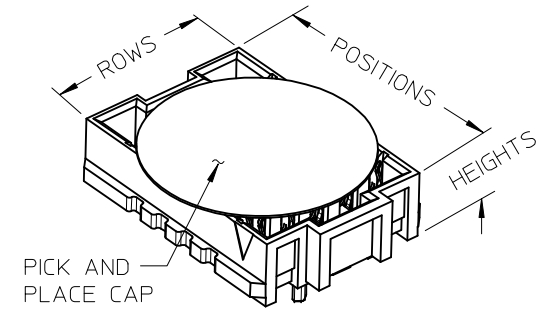
QUALITY SYMBOLS	DESCRIPTION
	=0
	=0
	=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±
ANGULAR ± ---°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE INCH ONLY	
DRAWN BY	DATE
TGREGOR I	2005/05/17
CHECKED BY	DATE
JCOMERC I	2005/05/17
APPROVED BY	DATE
JCOMERC I	2010/03/05
MATERIAL NO.	
SEE CHART	
SIZE	
A	

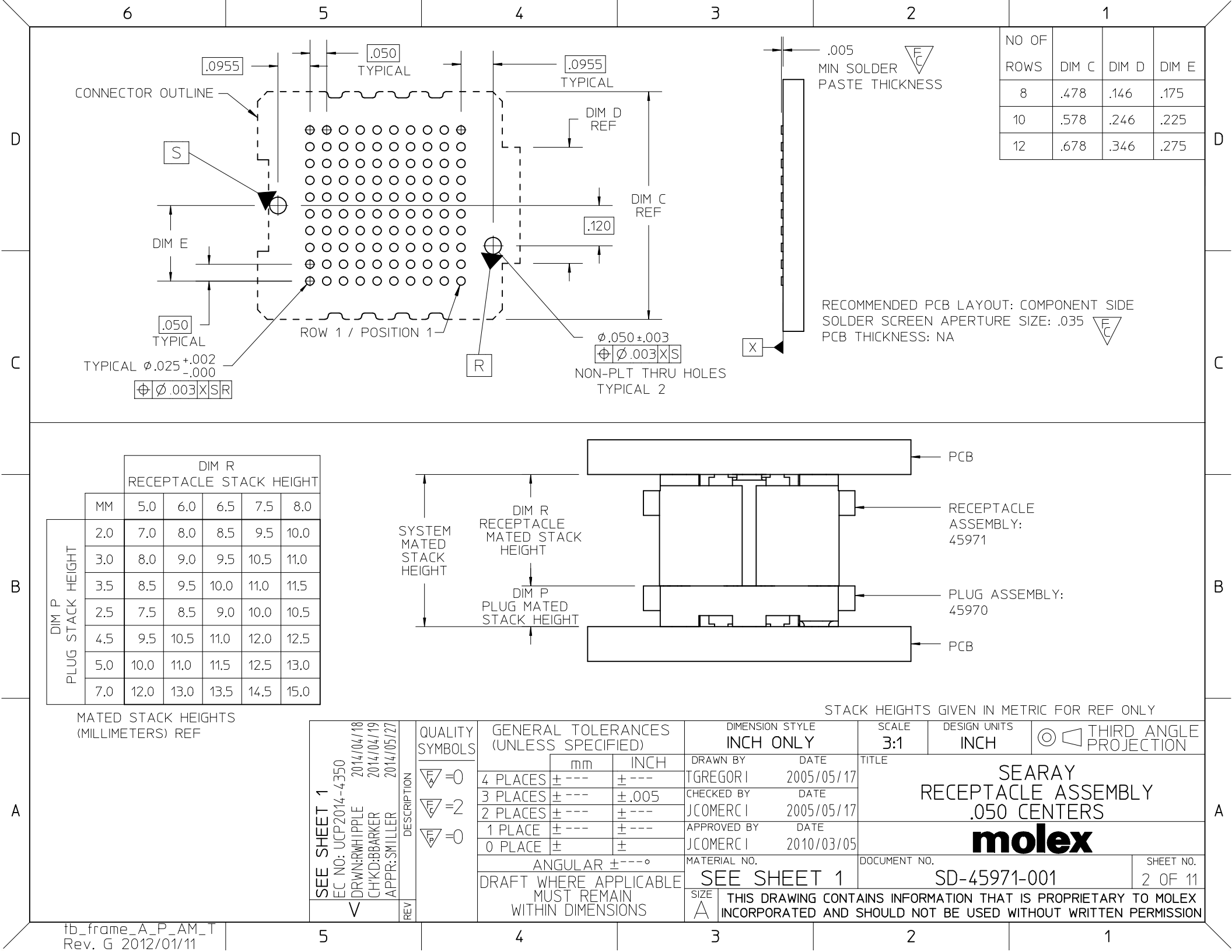
SCALE 3:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE		
SEARAY RECEPTACLE ASSEMBLY .050 CENTERS		
molex		
DOCUMENT NO. SD-45971-001		SHEET NO. 1 OF 11
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

POSITION	
19	.006
10	.006
20	.006
30	.006
40	.006
50	.006
15	.006
25	.006
35	.009
45	.009



NOTES:

1. MATERIALS: HOUSING: LCP, UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: SEE CHART
2. FINISH: SELECT GOLD IN CONTACT AREA: 30 MICROINCH MINIMUM
SELECT TIN IN TAIL, 50 MICROINCH MINIMUM
OVERALL NICKEL
3. PRODUCT SPECIFICATION: PS-45970-001
4. PACKAGING SPECIFICATION: SEE CHART
5. MATES WITH SEARAY PLUG ASSEMBLY 45970
6. APPLICATION SPECIFICATION: AS-45970-001
7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
8. PART STATUS: CONTACT MOLEX



6

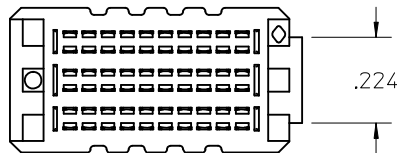
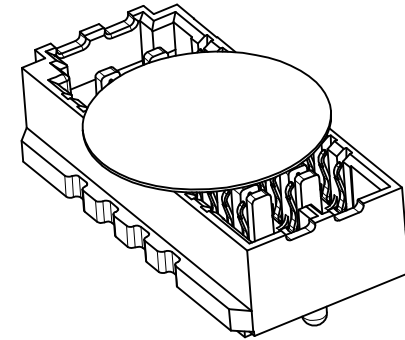
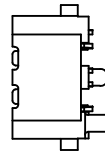
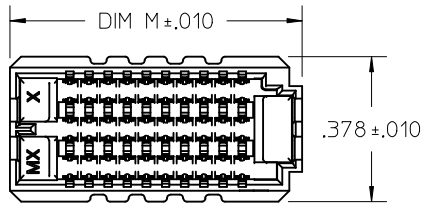
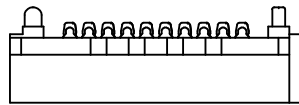
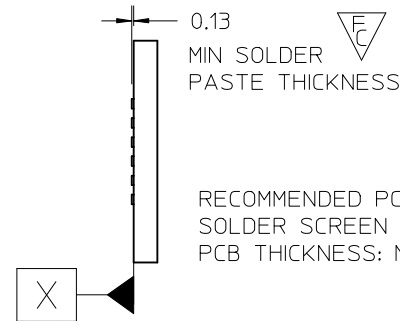
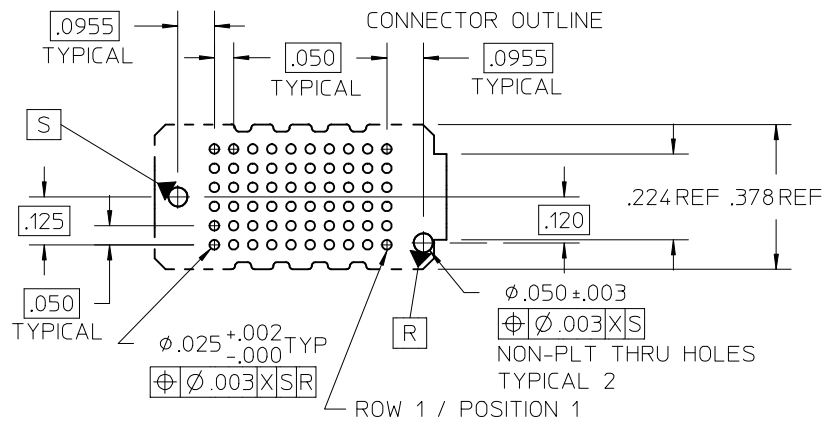
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4

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2

1



6 ROW OPTION

SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 REV	DESCRIPTION	QUALITY SYMBOLS ▽ =0 ▽ =2 ▽ =0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY TGREGORI	DATE 2005/05/17	TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex					
			4 PLACES	± ---	± ---	CHECKED BY JCOMERC I	DATE 2005/05/17						
			3 PLACES	± ---	± .005	APPROVED BY	DATE						
			2 PLACES	± ---	± ---	JCOMERC I	2010/03/05	DOCUMENT NO. SD-45971-001					
			1 PLACE	± ---	± ---	SHEET NO. 3 OF 11							
0 PLACE	±	±	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOTBE USED WITHOUT WRITTEN PERMISSION										
ANGULAR ±---°									MATERIAL NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 1										
			SIZE A										

5

4

3

2

1

		6		5		4		3		2		1		
D	TRAY PACK PK-45971-001	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY
		DIM R: HOUSING HEIGHT												
				.199		.238		.258		.297		.317		
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
		19	1.212	45971-0161		OBSOLETE		45971-0361		OBSOLETE		OBSOLETE		
		10	0.762	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		20	1.262	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		30	1.762	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		40	2.262	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		50	2.762	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		15	1.012	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		25	1.512	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		35	2.012	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		45	2.512	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
B	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY
		DIM R: HOUSING HEIGHT												
				.199		.238		.258		.297		.317		
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
		19	1.212	45971-0165		45971-0265		45971-0365		45971-0465		45971-0565		
		10	0.762	45971-1165		45971-1265		45971-1365		45971-1465		45971-1565		
		20	1.262	45971-2165		45971-2265		45971-2365		45971-2465		45971-2565		
		30	1.762	45971-3165		45971-3265		45971-3365		45971-3465		45971-3565		
		40	2.262	45971-4165		45971-4265		45971-4365		45971-4465		45971-4565		
		50	2.762	45971-5165		45971-5265		45971-5365		45971-5465		45971-5565		
		15	1.012	45971-6165		45971-6265		45971-6365		45971-6465		45971-6565		
		25	1.512	45971-7165		45971-7265		45971-7365		45971-7465		45971-7565		
		35	2.012	45971-8165		45971-8265		45971-8365		45971-8465		45971-8565		
		45	2.512	45971-9165		45971-9265		45971-9365		45971-9465		45971-9565		
A	SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 QUALITY SYMBOLS F=0 F=0 F=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE INCH ONLY DRAWN BY DATE TGREGOR I 2005/05/17 CHECKED BY DATE JCOMERC I 2005/05/17 APPROVED BY DATE JCOMERC I 2010/03/05 MATERIAL NO. SEE SHEET 1 SCALE 1:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex DOCUMENT NO. SD-45971-001 SHEET NO. 4 OF 11 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	fb_frame_A_P_AM_T Rev. G 2012/01/11		5		4		3		2		1			

6		5		4		3		2		1				
D	TRAY PACK PK-45971-001	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY
		DIM R: HOUSING HEIGHT												
				.199		.238		.258		.297		.317		
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
		19	1.212	45971-0163		OBSOLETE		45971-0363		OBSOLETE		OBSOLETE		
		10	0.762	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		20	1.262	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		30	1.762	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		40	2.262	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		50	2.762	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		15	1.012	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		25	1.512	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		35	2.012	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		45	2.512	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
C	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY
		DIM R: HOUSING HEIGHT												
				.199		.238		.258		.297		.317		
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
		19	1.212	45971-0167		45971-0267		45971-0367		45971-0467		45971-0567		
		10	0.762	45971-1167		45971-1267		45971-1367		45971-1467		45971-1567		
		20	1.262	45971-2167		45971-2267		45971-2367		45971-2467		45971-2567		
		30	1.762	45971-3167		45971-3267		45971-3367		45971-3467		45971-3567		
		40	2.262	45971-4167		45971-4267		45971-4367		45971-4467		45971-4567		
		50	2.762	45971-5167		45971-5267		45971-5367		45971-5467		45971-5567		
		15	1.012	45971-6167		45971-6267		45971-6367		45971-6467		45971-6567		
		25	1.512	45971-7167		45971-7267		45971-7367		45971-7467		45971-7567		
		35	2.012	45971-8167		45971-8267		45971-8367		45971-8467		45971-8567		
		45	2.512	45971-9167		45971-9267		45971-9367		45971-9467		45971-9567		
B	SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RW HIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 V	DESCRIPTION REV	QUALITY SYMBOLS ▽F=0 ▽E=0 ▽P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
						mm	INCH	DRAWN BY TGREGORI		DATE 2005/05/17	TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS			
				4 PLACES		± ---	± ---	CHECKED BY JCOMERC I		DATE 2005/05/17				
				3 PLACES		± ---	± .005	APPROVED BY JCOMERC I		DATE 2010/03/05	molex			
				2 PLACES		± ---	± ---	MATERIAL NO.		DOCUMENT NO.				
				1 PLACE		± ---	± ---	SEE SHEET 1		SD-45971-001		5 OF 11		
				0 PLACE		±	±	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
				ANGULAR ± ---°										
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
				SIZE A										

		6		5		4		3		2		1	
D	TRAY PACK PK-45971-001	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM	
		DIM R: HOUSING HEIGHT											
				.199		.238		.258		.297		.317	
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO	
		19	1.232	45971-0181		OBSOLETE		45971-0381		OBSOLETE		OBSOLETE	
		10	0.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE	
		20	1.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE	
		30	1.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE	
		40	2.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE	
		50	2.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE	
		15	1.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE	
		25	1.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE	
		35	2.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE	
		45	2.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE	
STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY													
C	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM	
		DIM R: HOUSING HEIGHT											
				.199		.238		.258		.297		.317	
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO	
		19	1.232	45971-0185		45971-0285		45971-0385		45971-0485		45971-0585	
		10	0.782	45971-1185		45971-1285		45971-1385		45971-1485		45971-1585	
		20	1.282	45971-2185		45971-2285		45971-2385		45971-2485		45971-2585	
		30	1.782	45971-3185		45971-3285		45971-3385		45971-3485		45971-3585	
		40	2.282	45971-4185		45971-4285		45971-4385		45971-4485		45971-4585	
		50	2.782	45971-5185		45971-5285		45971-5385		45971-5485		45971-5585	
		15	1.032	45971-6185		45971-6285		45971-6385		45971-6485		45971-6585	
		25	1.532	45971-7185		45971-7285		45971-7385		45971-7485		45971-7585	
		35	2.032	45971-8185		45971-8285		45971-8385		45971-8485		45971-8585	
		45	2.532	45971-9185		45971-9285		45971-9385		45971-9485		45971-9585	
STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY													
B		NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS NO OF ROWS: 8 SOLDER CHARGE: TIN, 95.5/ Ag 3.8/ Cu 0.7 PACKAGING: TRAYS AND TAPE AND REEL											
A		SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHPPL 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 V	REV	QUALITY SYMBOLS F=0 E=0 B=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE INCH ONLY DRAWN BY DATE TGREGORI 2005/05/17 CHECKED BY DATE JCOMERCI 2005/05/17 APPROVED BY DATE JCOMERCI 2010/03/05 MATERIAL NO. SEE SHEET 1 SIZE A THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex			
										DOCUMENT NO. SD-45971-001			
										SHEET NO. 6 OF 11			

6		5		4		3		2		1							
D	TRAY PACK PK-45971-001	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY			
		DIM R: HOUSING HEIGHT															
				.199		.238		.258		.297		.317					
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO					
		19	1.232	45971-0183		OBSOLETE		45971-0383		OBSOLETE		OBSOLETE					
		10	0.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
		20	1.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
		30	1.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
		40	2.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
		50	2.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
		15	1.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
		25	1.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
		35	2.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
45	2.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE							
C	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY			
		DIM R: HOUSING HEIGHT															
				.199		.238		.258		.297		.317					
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO					
		19	1.232	45971-0187		45971-0287		45971-0387		45971-0487		45971-0587					
		10	0.782	45971-1187		45971-1287		45971-1387		45971-1487		45971-1587					
		20	1.282	45971-2187		45971-2287		45971-2387		45971-2487		45971-2587					
		30	1.782	45971-3187		45971-3287		45971-3387		45971-3487		45971-3587					
		40	2.282	45971-4187		45971-4287		45971-4387		45971-4487		45971-4587					
		50	2.782	45971-5187		45971-5287		45971-5387		45971-5487		45971-5587					
		15	1.032	45971-6187		45971-6287		45971-6387		45971-6487		45971-6587					
		25	1.532	45971-7187		45971-7287		45971-7387		45971-7487		45971-7587					
		35	2.032	45971-8187		45971-8287		45971-8387		45971-8487		45971-8587					
45	2.532	45971-9187		45971-9287		45971-9387		45971-9487		45971-9587							
B	SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27	QUALITY SYMBOLS FA=0 FG=0 FP=0 ANGULAR ±---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION							
					mm	INCH	DRAWN BY TGREGORI	DATE 2005/05/17	TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS								
			4 PLACES		±---	±---	CHECKED BY JCOMERCI	DATE 2005/05/17									
			3 PLACES		±---	±.005	APPROVED BY JCOMERCI		DATE 2010/03/05	DOCUMENT NO. SD-45971-001							
			2 PLACES		±---	±---	SEE SHEET 1										
			1 PLACE		±---	±---											
			0 PLACE		±	±											

D	TRAY PACK PK-45971-001	6		5		4		3		2		1			
		DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM			
		DIM R: HOUSING HEIGHT													
				.199		.238		.258		.297		.317			
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO			
		19	1.232	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		10	0.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		20	1.282	OBSOLETE		OBSOLETE		45971-2311		OBSOLETE		OBSOLETE			
		30	1.782	45971-3111		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		40	2.282	OBSOLETE		OBSOLETE		OBSOLETE		45971-4411		OBSOLETE			
		50	2.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		15	1.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		25	1.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
35	2.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
45	2.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
C	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM			
		DIM R: HOUSING HEIGHT													
				.199		.238		.258		.297		.317			
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO			
		19	1.232	45971-0115		45971-0215		45971-0315		45971-0415		45971-0515			
		10	0.782	45971-1115		45971-1215		45971-1315		45971-1415		45971-1515			
		20	1.282	45971-2115		45971-2215		45971-2315		45971-2415		45971-2515			
		30	1.782	45971-3115		45971-3215		45971-3315		45971-3415		45971-3515			
		40	2.282	45971-4115		45971-4215		45971-4315		45971-4415		45971-4515			
		50	2.782	45971-5115		45971-5215		45971-5315		45971-5415		45971-5515			
		15	1.032	45971-6115		45971-6215		45971-6315		45971-6415		45971-6515			
		25	1.532	45971-7115		45971-7215		45971-7315		45971-7415		45971-7515			
		35	2.032	45971-8115		45971-8215		45971-8315		45971-8415		45971-8515			
45	2.532	45971-9115		45971-9215		45971-9315		45971-9415		45971-9515					
B	SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 V	DESCRIPTION REV	QUALITY SYMBOLS ▽F=0 ▽E=0 ▽B=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
					mm	INCH	DRAWN BY	DATE	SEARAY RECEPTACLE ASSEMBLY .050 CENTERS						
							TGREGORI	2005/05/17							
					mm	INCH	CHECKED BY	DATE	molex						
							JCOMERC I	2005/05/17							
					mm	INCH	APPROVED BY	DATE	DOCUMENT NO. SD-45971-001						
							JCOMERC I	2010/03/05							
				ANGULAR ±---°			MATERIAL NO.		SHEET NO. 8 OF 11						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 1								
					SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
				fb_frame_A_P_AM_T Rev. G 2012/01/11		5		4		3		2		1	

D	TRAY PACK PK-45971-001	6		5		4		3		2		1																											
		DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM																											
		DIM R: HOUSING HEIGHT																																					
		POSITION		DIM M		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO																											
		19		1.232		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE																											
		10		0.782		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE																											
		20		1.282		OBSOLETE		OBSOLETE		45971-2313		OBSOLETE																											
		30		1.782		45971-3113		OBSOLETE		OBSOLETE		OBSOLETE																											
		40		2.282		OBSOLETE		OBSOLETE		OBSOLETE		45971-4413																											
		50		2.782		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE																											
		15		1.032		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE																											
		25		1.532		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE																											
		35		2.032		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE																											
45		2.532		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE																													
STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY																																							
B	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM																											
		DIM R: HOUSING HEIGHT																																					
		POSITION		DIM M		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO																											
		19		1.232		45971-0117		45971-0217		45971-0317		45971-0417		45971-0517																									
		10		0.782		45971-1117		45971-1217		45971-1317		45971-1417		45971-1517																									
		20		1.282		45971-2117		45971-2217		45971-2317		45971-2417		45971-2517																									
		30		1.782		45971-3117		45971-3217		45971-3317		45971-3417		45971-3517																									
		40		2.282		45971-4117		45971-4217		45971-4317		45971-4417		45971-4517																									
		50		2.782		45971-5117		45971-5217		45971-5317		45971-5417		45971-5517																									
		15		1.032		45971-6117		45971-6217		45971-6317		45971-6417		45971-6517																									
		25		1.532		45971-7117		45971-7217		45971-7317		45971-7417		45971-7517																									
		35		2.032		45971-8117		45971-8217		45971-8317		45971-8417		45971-8517																									
		45		2.532		45971-9117		45971-9217		45971-9317		45971-9417		45971-9517																									
STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY																																							
NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS NO OF ROWS: 10 SOLDER CHARGE: TIN / LEAD, 63/Pb 37 PACKAGING: TRAYS AND TAPE AND REEL																																							
A	SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 QUALITY SYMBOLS FA=0 FG=0 FP=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE INCH ONLY DRAWN BY DATE TGREGORI 2005/05/17 CHECKED BY DATE JCOMERCI 2005/05/17 APPROVED BY DATE JCOMERCI 2010/03/05 MATERIAL NO. SEE SHEET 1 SCALE 1:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex DOCUMENT NO. SD-45971-001 SHEET NO. 9 OF 11 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <tr><td colspan="13">fb_frame_A_P_AM_T Rev. G 2012/01/11</td></tr> <tr><td colspan="13">5 4 3 2 1</td></tr>													fb_frame_A_P_AM_T Rev. G 2012/01/11													5 4 3 2 1												
	fb_frame_A_P_AM_T Rev. G 2012/01/11																																						
	5 4 3 2 1																																						

6		5		4		3		2		1								
D	TRAY PACK PK-45971-001	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY				
		DIM R: HOUSING HEIGHT																
				.199		.238		.258		.297		.317						
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO						
		19	1.232	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE						
		10	0.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE						
		20	1.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE						
		30	1.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE						
		40	2.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE						
		50	2.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE						
		15	1.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE						
		25	1.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE						
35	2.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE								
45	2.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE								
C	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY				
		DIM R: HOUSING HEIGHT																
				.199		.238		.258		.297		.317						
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO						
		19	1.232	45971-0125		45971-0225		45971-0325		45971-0425		45971-0525						
		10	0.782	45971-1125		45971-1225		45971-1325		45971-1425		45971-1525						
		20	1.282	45971-2125		45971-2225		45971-2325		45971-2425		45971-2525						
		30	1.782	45971-3125		45971-3225		45971-3325		45971-3425		45971-3525						
		40	2.282	45971-4125		45971-4225		45971-4325		45971-4425		45971-4525						
		50	2.782	45971-5125		45971-5225		45971-5325		45971-5425		45971-5525						
		15	1.032	45971-6125		45971-6225		45971-6325		45971-6425		45971-6525						
		25	1.532	45971-7125		45971-7225		45971-7325		45971-7425		45971-7525						
35	2.032	45971-8125		45971-8225		45971-8325		45971-8425		45971-8525								
45	2.532	45971-9125		45971-9225		45971-9325		45971-9425		45971-9525								
B	SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RW HIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 V	DESCRIPTION REV	QUALITY SYMBOLS ▽F=0 ▽E=0 ▽P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		A					
				4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACE	± --- ± --- ± --- ± --- ±	mm INCH	DRAWN BY TGREGORI		DATE 2005/05/17		SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex							
							CHECKED BY JCOMERCI		DATE 2005/05/17									
							APPROVED BY JCOMERCI		DATE 2010/03/05									
							ANGULAR ± ---°			MATERIAL NO.		DOCUMENT NO.			SHEET NO.			
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 1		SD-45971-001			10 OF 11			
				SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
				tb_frame_A_P_AM_T Rev. G 2012/01/11				5		4		3		2		1		

6		5		4		3		2		1						
D	TRAY PACK PK-45971-001	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY		
		DIM R: HOUSING HEIGHT														
				.199		.238		.258		.297		.317				
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO				
		19	1.232	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		10	0.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		20	1.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		30	1.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		40	2.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		50	2.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		15	1.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		25	1.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
35	2.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE						
45	2.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE						
C	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY		
		DIM R: HOUSING HEIGHT														
				.199		.238		.258		.297		.317				
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO				
		19	1.232	45971-0127		45971-0227		45971-0327		45971-0427		45971-0527				
		10	0.782	45971-1127		45971-1227		45971-1327		45971-1427		45971-1527				
		20	1.282	45971-2127		45971-2227		45971-2327		45971-2427		45971-2527				
		30	1.782	45971-3127		45971-3227		45971-3327		45971-3427		45971-3527				
		40	2.282	45971-4127		45971-4227		45971-4327		45971-4427		45971-4527				
		50	2.782	45971-5127		45971-5227		45971-5327		45971-5427		45971-5527				
		15	1.032	45971-6127		45971-6227		45971-6327		45971-6427		45971-6527				
		25	1.532	45971-7127		45971-7227		45971-7327		45971-7427		45971-7527				
35	2.032	45971-8127		45971-8227		45971-8327		45971-8427		45971-8527						
45	2.532	45971-9127		45971-9227		45971-9327		45971-9427		45971-9527						
B		NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS NO OF ROWS: 12 SOLDER CHARGE: TIN / LEAD, 63/Pb 37 PACKAGING: TRAYS AND TAPE AND REEL														
A		SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27	QUALITY SYMBOLS F=0 E=0 B=0	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex	DOCUMENT NO. SD-45971-001	SHEET NO. 11 OF 11		
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY TGREGORI		DATE 2005/05/17	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
						4 PLACES	± ---	± ---	CHECKED BY JCOMERC I						DATE 2005/05/17	
						3 PLACES	± ---	± .005	APPROVED BY JCOMERC I						DATE 2010/03/05	
						2 PLACES	± ---	± ---								
						1 PLACE	± ---	± ---								
					0 PLACE	±	±									
					ANGULAR ±---°			MATERIAL NO.								
								SIZE A								